

Work Order ID 100162

April-18-13 1:20:42 PM

100162

Page 1

Item ID: D4030-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Long Basket Assembly (350)

Stop

NS2

Start Date: 4/18/13 Start Qty: 1.00

1

Cust Item ID:

Required Date: 5/02/13 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 13-04-18 Tooling:

Date:

Run Start

NR1

QC: (

Date: SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4030	C								
100	Pick Kit	0.00							
100									
Packaging	Memo	0.00							
Packaging									
110	Assemble as per dwg	0.00							
110									
HandFinish	Memo	0.00							
Hand Finishing									
120	QC5- Inspect part completeness to step on W/O	0.00	<i>DAS</i> <i>27-06</i>						
120									
QC	Memo	0.00							
Quality Control									

13-5-8

1 8 13-5-8.

13-5-9

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Part No. _____			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
NCR No. _____			Use-as-is <input type="checkbox"/>	Work Order Update <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Thermoforming <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>					
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Doc/Data												
Equip/Tooling												
Operator												
Material												
Setup												
Other												
Process												
Supplier												
Training												
Unapproved												
FAULT CATEGORY												
Landing Gear					General							
Bending Centre Not Concentric to O/S Cracks Crushed/Crimped. Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion Turning Sequence Wave/Twist in Tube					Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> <input type="checkbox"/> Other							

Work Order ID 100162

April-18-13 1:20:42 PM

100162

Page 2

Item ID: D4030-041

Accept

Revision ID:

Item Name: Long Basket Assembly (350)

Start Date: 4/18/13 Start Qty: 1.00

1

Required Date: 5/02/13 Req'd Qty: 1.00

1

Reference:

N900040100

Setup

Start

NS1

Stop

NS2

Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

Identify as per dwg & Stock Location:

0.00

0.00

PPP 100153

1 SK 13-5-09

130

Packaging

Packaging

Memo

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Quality Control

Memo

0.00

MJ 13-05-09

MJ 13-05-09

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework _____ Scrap _____ Use-as-is _____ Work Order Update _____		AGAINST DEPARTMENT/PROCESS Skid-tube _____ Machining _____ Thermoforming _____ Large Fab _____ Crosstube _____ Small Fab _____ Finishing _____ Composite _____ Water Jet _____ Prod. Eng. Coor. _____ Rec/Store/Packaging _____ Supplier _____ Engineering _____ Quality _____ Other _____										
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector				
Doc/Data																
Equip/Tooling																
Operator																
Material																
Setup																
Other																
Process																
Supplier																
Training																
Unapproved																
FAULT CATEGORY																
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	

Picklist Print

April-18-13 1:20:46 PM

Page 1

9

Work Order ID: 100162

100162

Parent Item: D4030-041

D4030-041

Parent Item Name: Long Basket Assembly (350)

Start Date: 4/18/13

Required Date: 5/02/13

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.03.23 verified by:EC IPP Rev:B as per dwg revB DD 10.04.20 verified by:EC IPP Rev:C as per dwg revC DD 10.08.18 verified by:EC IPP Rev D 12.03.27 per NCR12-1239 EC verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4086-200 Manufactured No Each 19.0000 1 **

D4086-200

Placard, Max Load

Location	Loc Qty	Loc Code
ST093	19	
88611	5	
96251	4	
98519	10	

D2530 Manufactured No 100 Each 15.0000 1 1 **

D2530

Handle Weldment

Location	Loc Qty	Loc Code
ST205	10	
87086	10	
ST255	5	
86369	5	

D2535 Manufactured No 100 Each 50.0000 2 2 **

D2535

Spring

Location	Loc Qty	Loc Code
ST011	50	
96248	50	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS								
Part No. _____			Rework	Skid-tube	Crosstube	Water Jet	Engineering						
NCR No. _____			Scrap	Machining	Small Fab	Prod. Eng. Coor.	Quality						
			Use-as-is	Thermoforming	Finishing	Rec/Store/Packaging	Other						
			Work Order Update	Large Fab	Composite	Supplier							
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector				
Doc/Data													
Equip/Tooling													
Operator													
Material													
Setup													
Other													
Process													
Supplier													
Training													
Unapproved													
FAULT CATEGORY													
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	

Picklist Print

April-18-13 1:20:46 PM

Page 2

Work Order ID: 100162**Parent Item:** D4030-041**Parent Item Name:** Long Basket Assembly (350)***100162***
D4030-041**Start Date:** 4/18/13**Start Qty:** 1.00**Required Date:** 5/02/13**Required Qty:** 1.00

D2537

Manufactured

No

100

Each

96.0000

2

2

**

D2537

Bushing

SP

D3913-041

D3913-041

Long Basket Base Assembly, 350

D3914-041

D3914-041

Long Basket Lid Assembly (350)

D3917-3

D3917-3

Washer

Location Loc Qty Loc Code

ST008	24	
99011	24	
ST011	72	
92711	8	
94700	40	
98426	24	

100170

Manufactured

No

100

Each

0.0000

**

1

1

BL 13-5-8

Manufactured

No

100

Each

0.0000

**

1

1

BL 13-5-8

Manufactured

No

100

Each

90.0000

**

6

6

SP 13-5-8

Location Loc Qty Loc Code

ST072	90	
92514	1	
94136	5	
94643	24	
97710	60	

100178

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other				
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
Bending	Bend	Grain	Ovalized	Pressure/Forced							
Centre Not Concentric to O/S	BOM/Route	Hardware	Over/Under tolerance	Temperature/Cure							
Cracks	Broken/Damaged	Inspection Incomplete	Part Incorrect	Weld							
Crushed/Crimped	Burrs	Instructions Incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled							
Cuffs	Contamination	Maintenance	Part Moved								
Heat Treat	Countersink	Mislabeled	Positioned Wrong								
Inspection Strip in Tube	Cut Too Short	Misread	Power Loss/Surge	Other							
Ripples in Bend	Drill Holes	Offset									
Torque Waves in Extrusion	Drawing	Out of Calibration									
Turning Sequence	Finish	Out of Sequence									
Wave/Twist in Tube	Folio	Outside Dimensions									

Picklist Print

April-18-13 1:20:46 PM

Page 3

Work Order ID: 100162

100162

Parent Item: D4030-041

D4030-041

Parent Item Name: Long Basket Assembly (350)

Start Date: 4/18/13

Required Date: 5/02/13

Start Qty: 1.00

Required Qty: 1.00

D3953-3

Manufactured

No

100

Each

34.0000

2

2

**

D3953-3

Gas Spring Stud, Lid

SP

Location	Loc Qty	Loc Code
----------	---------	----------

GA	1	
----	---	--

87592	1	
-------	---	--

ST076	21	
-------	----	--

88494	14	
-------	----	--

94744	7	
-------	---	--

ST176	12	
-------	----	--

99169	12	
-------	----	--

	2X	
--	----	--

D3953-7

Manufactured

No

100

Each

58.0000

2

2

**

D3953-7

Spring Spacer

SP

Location	Loc Qty	Loc Code
----------	---------	----------

ST076	58	
-------	----	--

94669	34	
-------	----	--

99148	24	
-------	----	--

	2X	
--	----	--

D3953-9

Manufactured

No

100

Each

65.0000

2

2

**

D3953-9

Gas Spring Washer

SP 13-58

Location	Loc Qty	Loc Code
----------	---------	----------

ST076	65	
-------	----	--

94719	20	
-------	----	--

95127	45	
-------	----	--

	2X	
--	----	--

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear Bending Centre Not Concentric to O/S Cracks Crushed/Crimped. Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion Turning Sequence Wave/Twist in Tube				General							
				Bend	Grain						
					Hardware						
					Inspection Incomplete						
					Instructions Incomplete/Unclear						
					Maintenance						
					Mislabeled						
					Misread						
					Offset						
					Out of Calibration						
					Out of Sequence						
					Outside Dimensions						
					Ovalized						
					Over/Under tolerance						
					Part Incorrect						
	Part Lost/Missing										
	Part Moved										
	Positioned Wrong										
	Power Loss/Surge										
	Pressure/Forced										
	Temperature/Cure										
	Weld										
	Wrong Stock Pulled										
	Other										

Picklist Print

April-18-13 1:20:46 PM

Page 4

Work Order ID: 100162

100162
D4030-041

Parent Item: D4030-041

Parent Item Name: Long Basket Assembly (350)

Start Date: 4/18/13

Required Date: 5/02/13

Start Qty: 1.00

Required Qty: 1.00

D3953-17

Manufactured No

100 Each 44.0000

2 2

**

D3953-17

Gas Spring Spacer

Location	Loc Qty	Loc Code
ST076	44	
94578	12	
97100	12	
97696	20	

D3953-19

Manufactured No

100 Each 16.0000

1 1

**

D3953-19

Gas Spring Bracket

Location	Loc Qty	Loc Code
ST077	16	
92819	4	
97691	12	

D3953-21

Manufactured No

100 Each 18.0000

1 1

**

D3953-21

Gas Spring Bracket

Location	Loc Qty	Loc Code
ST075	12	
97714	12	
ST077	6	
94146	6	

D3969-3

Manufactured No

100 Each 16.0000

1 1

**

D3969-3

Spring (Basket Lid)

Location	Loc Qty	Loc Code
ST262	10	
91844	10	
ST272	6	
97050	6	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
				Bending	Grain	Ovalized	Pressure/Forced				
				Centre Not Concentric to O/S	BOM/Route	Over/Under tolerance	Temperature/Cure				
				Cracks	Broken/Damaged	Part Incorrect	Weld				
				Crushed/Crimped	Burrs	Part Lost/Missing	Wrong Stock Pulled				
				Cuffs	Contamination	Part Moved					
				Heat Treat	Countersink	Positioned Wrong					
				Inspection Strip in Tube	Cut Too Short	Power Loss/Surge	Other				
				Ripples in Bend	Drill Holes						
				Torque Waves in Extrusion	Drawing						
				Turning Sequence	Finish						
				Wave/Twist in Tube	Folio						

Picklist Print

April-18-13 1:20:46 PM

Page 5

Work Order ID: 100162

100162

Parent Item: D4030-041

D4030-041

Parent Item Name: Long Basket Assembly (350)

Start Date: 4/18/13

Required Date: 5/02/13

Start Qty: 1.00

Required Qty: 1.00

AN3-14A

Purchased

No

100

Each

87.0000

4

4

**

AN3-14A

Bolt

SP

AN3-16A

Purchased

No

Location

Loc Qty

Loc Code

ST512

87

123759

87

100

Each

102.0000

2

2

**

AN3-16A

Bolt

SP

AN5-17A

Purchased

No

Location

Loc Qty

Loc Code

GA

47

117441

47

ST352

55

122407

8

123900

47

100

Each

152.0000

4

4

**

AN5-17A

Bolt

SP

AN4-12

Purchased

No

Location

Loc Qty

Loc Code

GA

36

117872

36

ST337

116

124215

50

124805

66

100

Each

71.0000

3

3

**

AN4-12

Bolt

SP 13-5-8

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS										
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other								
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector					
Doc/Data															
Equip/Tooling															
Operator															
Material															
Setup															
Other															
Process															
Supplier															
Training															
Unapproved															
FAULT CATEGORY															
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other			<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	

Picklist Print

April-18-13 1:20:46 PM

Page 6

Work Order ID: 100162**Parent Item:** D4030-041**Parent Item Name:** Long Basket Assembly (350)***100162***
D4030-041**Start Date:** 4/18/13**Start Qty:** 1.00**Required Date:** 5/02/13**Required Qty:** 1.00

AN310-4

Purchased

No

100

Each

72.0000

3

3

*********AN310-4***

NUT

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST342	72	
122800	2	
124221	70	

AN310C4

Purchased

No

100

Each

86.0000

2

2

*********AN310C4***

Nut

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST342	86	
123831	2	
124221	84	

MS21042L3

Purchased

No

100

Each

4,739.000

6

6

*********MS21042L3***

Nut

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FP001	3	
122141	3	
GA	114	
122452	114	
ST314	268	
117885	32	
119017	55	
119075	138	
123265	43	
ST506	4354	
123900	974	
124291	3380	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS									
			Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>								
Part No. _____		NCR No. _____													
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector				
Doc/Data <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Operator <input type="checkbox"/> Material <input type="checkbox"/> Setup <input type="checkbox"/> Other <input type="checkbox"/> Process <input type="checkbox"/> Supplier <input type="checkbox"/> Training <input type="checkbox"/> Unapproved <input type="checkbox"/>															
FAULT CATEGORY															
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions								<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other			

Picklist Print

April-18-13 1:20:46 PM

Page 7

Work Order ID: T00162

100162

Parent Item: D4030-041

D4030-041

Parent Item Name: Long Basket Assembly (350)

Start Date: 4/18/13

Required Date: 5/02/13

MS21042L5

Purchased

No

100

Each

337.0000

4

4

**

MS21042L5

Nut

SP

MS24665-151

Purchased

No

Location

Loc Qty

Loc Code

ST506

337

123900

337

100

Each

137.0000

3

3

**

4X

SP

MS24665-151

Cotter Pin

Location

Loc Qty

Loc Code

GA

28

17566

28

ST323

109

122802

59

124859

50

3X

MS24665-300

Purchased

No

Location

Loc Qty

Loc Code

GA

37

118234

37

ST299

182

124555

182

2

SP 13-5-8

2X

MS24665-300

Cotter Pin

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS																					
			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Machining <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Part No. _____			Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Supplier <input type="checkbox"/>	Quality <input type="checkbox"/>	Other <input type="checkbox"/>																
NCR No. _____																											
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector																
Doc/Data <input type="checkbox"/>																											
Equip/Tooling <input type="checkbox"/>																											
Operator <input type="checkbox"/>																											
Material <input type="checkbox"/>																											
Setup <input type="checkbox"/>																											
Other <input type="checkbox"/>																											
Process <input type="checkbox"/>																											
Supplier <input type="checkbox"/>																											
Training <input type="checkbox"/>																											
Unapproved <input type="checkbox"/>																											
FAULT CATEGORY																											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio								<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled		<input type="checkbox"/> Other					

Picklist Print

April-18-13 1:20:46 PM

Page 8

Work Order ID: 100162

Parent Item: D4030-041

Parent Item Name: Long Basket Assembly (350)

100162
D4030-041

Start Date: 4/18/13

Start Qty: 1.00

Required Date: 5/02/13

Required Qty: 1.00

NAS1149F0432P

Purchased

No

100

Each

1,878.000

6

6

**

NAS1149F0432P

Washer

SP

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST295	1878	
122151	2	
123522	4	
123900	172	
124580	400	60X
124859	300	
125268	1000	

NAS1149F0563P

Purchased

No

100

Each

728.0000

4

4

**

NAS1149F0563P

Washer

SP

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST295	728	
121350	728	

NAS1149F0332P

Purchased

No

100

Each

8,690.000

8

8

**

NAS1149F0332P

WASHER

SP 13-5-8

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
GA	182	
122063	182	
ST294	158	
122063	158	
ST295	3	
123352	3	
st510	8347	
123900	8347	8Y

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS								
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other						
Part No. _____													
NCR No. _____													
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector				
Doc/Data													
Equip/Tooling													
Operator													
Material													
Setup													
Other													
Process													
Supplier													
Training													
Unapproved													
FAULT CATEGORY													
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other			

Picklist Print

April-18-13 1:20:46 PM

Page 9

Work Order ID: 100162**Parent Item:** D4030-041**Parent Item Name:** Long Basket Assembly (350)***100162******D4030-041*****Start Date:** 4/18/13**Start Qty:** 1.00**Required Date:** 5/02/13**Required Qty:** 1.00

NAS1149C0432R

Purchased

No

100

Each

1,686.000

2

2

*********NAS1149C0432R***

Washer

Sp13-5-8

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST292	1686	
119124	6	
<u>122441</u>	<u>1680</u>	<u>2X</u>

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS											
			Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>										
Part No. _____		NCR No. _____															
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector						
Doc/Data <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Operator <input type="checkbox"/> Material <input type="checkbox"/> Setup <input type="checkbox"/> Other <input type="checkbox"/> Process <input type="checkbox"/> Supplier <input type="checkbox"/> Training <input type="checkbox"/> Unapproved <input type="checkbox"/>																	
FAULT CATEGORY																	
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions								<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	

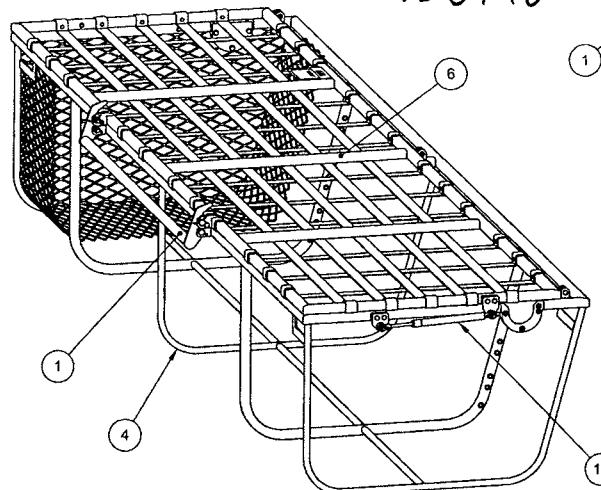
ITEM	QTY	P/N	DESCRIPTION
1	1	D4030-041	LONG BASKET ASSY (350)
2	1	X D4030-043	LONG BASKET ASSY, LIGHT LID (350)
3	1	1	D2530 HANDLE WELDMENT
4	2	2	D2535 SPRING
5	2	2	D2537 BUSHING
6	1	1	D3913-041 LONG BASKET BASE ASSY (350)
7	1	1	D3914-041 LONG BASKET,LID ASSY.(350)
8	6	6	D3915-041 LIGHT LID ASSY-LONG BASKET
9	2	2	D3917-3 WASHER
10	2	2	D3953-3 GAS SPRING STUD, LID
11	2	2	D3953-7 GAS SPRING SPACER
12	2	2	D3953-9 GAS SPRING WASHER
13	1	1	D3953-17 GAS SPRING SPACER
14	1	1	D3953-19 GAS SPRING BRACKET
15	1	1	D3953-21 GAS SPRING BRACKET
16	1	1	D3969-3 SPRING
17	4	4	AN3-14A BOLT
18	2	2	AN3-16A BOLT
19	2	2	AN3-20A BOLT
20	3	3	AN4-12 BOLT (DRILLED)
21	4	2	AN5-17A BOLT
22	2	2	AN5-21A BOLT
23	3	3	AN310-4 NUT, CASTELLATED
24	2	2	AN310C4 NUT, CASTELLATED
25	6	6	MS21042L3 NUT
26	4	4	MS21042L5 NUT
27	3	3	MS24665-151 COTTER PIN
28	2	2	MS24665-300 COTTER PIN
29	6	6	NAS1149F0432P WASHER
30	4	4	NAS1149F0563P WASHER
31	8	8	NAS1149F0332P WASHER
32	2	2	NAS1149C0432R WASHER

UNCO

STU

W

100162 MLJ
13-04-18



D4030-043 LONG BASKET ASSY, LIGHT LID (350)
(MESH SHOWN LOCALLY FOR CLARITY)

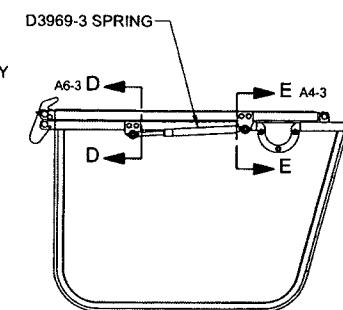
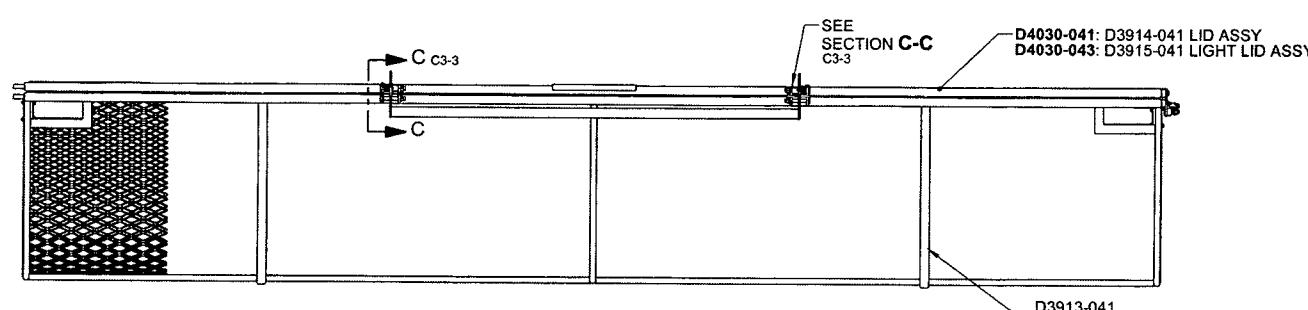
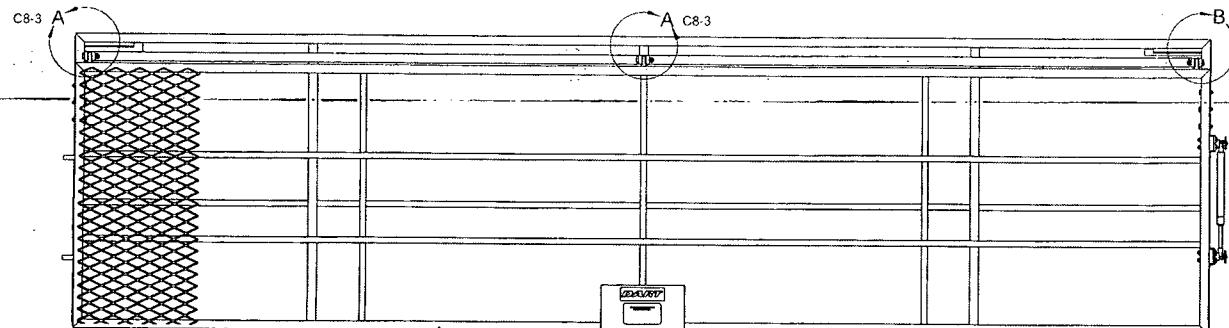
D4030-041 LONG BASKET ASSY (350)
(MESH SHOWN LOCALLY FOR CLARITY)

RELEASED
10-08-12 01
ECN 10-596

C	QTY FOR ITEMS #30 & #31 UNDER -043 WERE MISSING (88-1) QTY FOR ITEM #3 WAS 4 (08-1), ONLY 2 ARE REQUIRED, AFFECTS SECTION C-C (D3-3).	MB	10.07.23
B	ANS-21A BOLT WAS ANS-19A BOM & (D3-3)	JPH	10.04.06
A	NEW ISSUE	JPH	10.03.16
REV.	DESCRIPTION		
	DESIGN	AJS	DART AEROSPACE LTD
	DRAWN		HAWKESBURY, ONTARIO, CANADA
	CHECKED		DRAWING NO.
	MFG. APPR.	STFSO/AM	REV. C
	APPROVED		D4030
	DE APPR.		SHEET 1 OF 3
	DATE	10.07.23	TITLE
			SCALE
			LONG BASKET ASSY (350)
			NTS
			COPYRIGHT © 2010 BY DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: -041: 72 lbs APPROX
-043: 57 lbs APPROX



D4030-041 LONG BASKET ASSY (350) (SHOWN)
(MESH SHOWN LOCALLY OR REMOVED FOR CLARITY)

D4030-043 SHORT BASKET ASSY, LIGHT LID (350)
(MESH SHOWN LOCALLY FOR CLARITY)

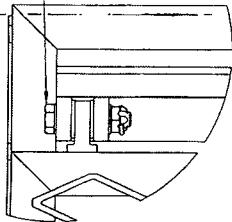
RELEASED
(10.08.23)

DESIGN	A15	DART AEROSPACE LTD
DRAWN	<i>b</i>	HAWKESBURY, ONTARIO, CANADA
CHECKED	<i>TL</i>	REV. C
MFG. APPR.	<i>TEC</i>	DRAWING NO. D4030
APPROVED	<i>WJ</i>	SHEET 2 OF 3
DE APPR.	<i>WJ</i>	TITLE LONG BASKET ASSY (350) NTS
DATE	10.07.23	SCALE

COPYRIGHT © 2010 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD

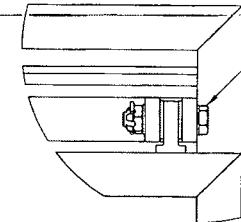
8 7 6 5 4 3 2 1

AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN



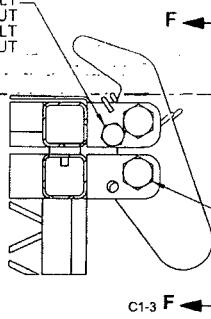
DETAIL A D8-2
D5-2

D4030-041: AN3-16A BOLT
MS21042L3 NUT
D4030-043: AN3-20A BOLT
MS21042L3 NUT



DETAIL B D3-2

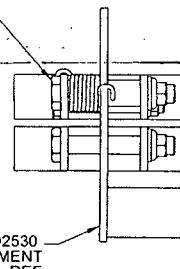
AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN



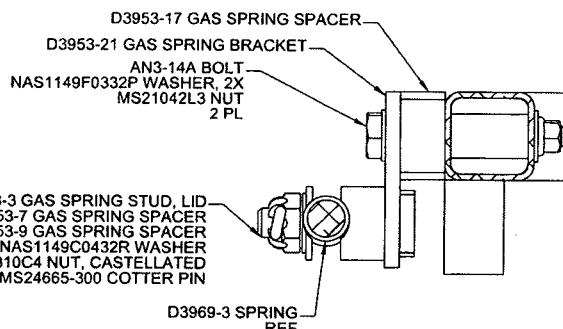
SECTION C-C B4-2
B6-2

D4030-041: AN5-17A BOLT
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT

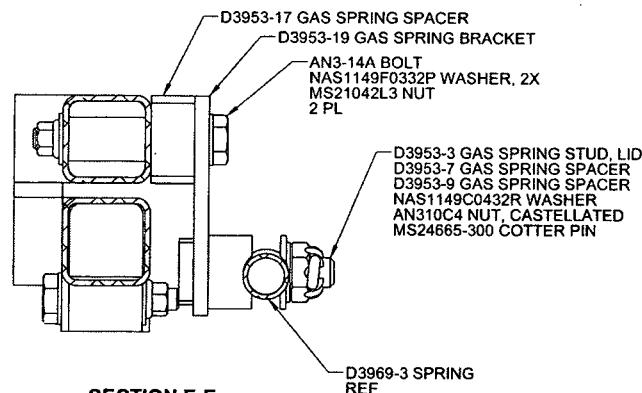
D4030-043: AN5-21A BOLT
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT



VIEW F-F C3-3



SECTION D-D B2-2



SECTION E-E B1-2

RELEASED
(10.08.124)

DESIGN	A/S	DART AEROSPACE LTD
DRAWN	S	HAWKESBURY, ONTARIO, CANADA
CHECKED	1/2	REV. C
MFG. APPR.	JFS	D4030
APPROVED	JWS	SHEET 3 OF 3
DE-APPR.	W	TITLE
DATE	10.07.23	SCALE
		LONG BASKET-ASSY (350)
		NTS

THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD.
IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.